

GENERAL NOTES

1. It is preferable to place a single layer of grout bags instead of stacking. Place filter fabric under all grout bags including a single layer of bags.
2. If bags are stacked, overlap the joints of the preceding layer.
3. If possible, bags should be placed so that the top of the bag is at or below the stream bottom. (When filling a scour hole, keep the top of the bag at or below the stream bottom).
4. If the stream bed consists of soils that allow for settlement of the grout bags, do not tie the bags together. If the stream bed consists of a hard stiff soil/clay or an erodable rock, which the grout bags will never be able to settle, tie the grout bags together so they do not get washed away.
5. Grout bags should be no larger than 3' wide, 4' long and 1' thick.
6. The bag placed directly in front of the nose of the pier should be the width of the exposed portion of the pier. Similarly, make sure no gaps form between the bags and the front face of the footing.
7. Do not overfill the bags or allow grout to be poured between the seams of two bags.

FOR OFFICE USE ONLY

APPROVAL	
<i>L. S. Friedman</i> DIRECTOR OFFICE OF BRIDGE DEVELOPMENT	
DATE: 11/6/96	
REVISIONS	
SHA	FHWA
8-5-08	.
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FHWA APPROVAL	
DATE:	
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

GROUT BAG INSTALLATION
GENERAL NOTES

STANDARD NO. BR-SR(0.07)-96-314

SHEET 11 OF 11

STRUCTURAL REPAIRS